Practitioner's Docket No. MPI00-185P1R2RCEM

IN THE CLAIMS:

Please cancel claims 83-93.

This listing of claims will replace all prior versions, and listings, of claims in the application:

STATUS OF THE CLAIMS:

1-82. (Canceled)

83-93. (Canceled)

94. (Previously Presented): A method for identifying a candidate compound capable of interacting with a polypeptide selected from the group consisting of:

- a) a polypeptide comprising the amino acid sequence of SEQ ID NO:2; and
- b) a polypeptide encoded by a nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO:1 or SEQ ID NO:3;

the method comprising:

- i) contacting a sample comprising the polypeptide with a test compound under conditions suitable for interaction; and
- ii) determining whether the polypeptide interacts with the test compound;
 thereby identifying a compound capable of interacting with the polypeptide.
- 2 95. (Previously Presented): The method of claim 94, wherein the sample is an isolated polypeptide, a membrane-bound form of an isolated polypeptide or a cell comprising the polypeptide.
- 3 %. (Previously Presented): The method of claim 95, wherein the cell is a mammalian cell.
- 49. (Previously Presented): The method of claim 94, wherein the interaction is in vitro.
- 5 98. (Previously Presented): The method of claim 94, wherein the candidate compound is selected from the group consisting of a peptoid, a peptidomimetic, a peptide, a phosphopeptide, an antibody, an organic molecule, and an inorganic molecule.
- (Previously Presented): The method of claim 94, wherein the candidate compound is selected from the group consisting of: L-1-Chloro-3-tosylamido-4-phenyl-2-butanone, Soybean inhibitor, benzamidine,

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p-Nitrophenyl-p-guanidino benzoate, Tosyl-L-lysine chloromethyl ketone, and Tosyl-L-arginine chloromethyl ketone. 100. (Previously Presented): The method of claim 94, wherein the candidate compound is a member of a biological library. 101. (Previously Presented): The method of claim 94, wherein the candidate compound is detectably labeled. 102. (Previously Presented): The method of claim 101, wherein the label is selected from the group consisting of enzymes, prosthetic groups, fluorescent materials, luminescent materials, bioluminescent materials and radioactive materials. 10 103. (Previously Presented): The method of claim 94, wherein the candidate compound is attached to a bead. 104. (Previously Presented): The method of claim 94, wherein the interaction of the candidate compound with the polypeptide is detected by a method selected from the group consisting of: a) direct detection of test compound/polypeptide binding; b) a competition binding assay; c) an immunoassay; and d) a yeast two-hybrid assay.

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